



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Curv-A-Tech Corporation**  
930 W. 23<sup>rd</sup> Street  
Hialeah, FL 33010

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "930" Aluminum Fixed Window - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W07-01**, titled "Series-930 Aluminum Fixed Window (LMI.)", sheets 1 through 5 of 5, dated 01/11/07, with revision **B** dated 02/17/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. **12-0124.01** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P. E.**



*Handwritten signature and date: 7/11/15*

NOA No. **15-0409.13**  
Expiration Date: **April 12, 2017**  
Approval Date: **July 23, 2015**  
Page 1

Curv-A-Tech Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

**B.**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 07-0201.05)*
2. Drawing No. **W07-01**, titled "Series-930 Aluminum Fixed Window (LMI.)", sheets 1 through 5 of 5, dated 01/11/07, with revision **B** dated 02/17/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**C. TESTS**


1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test, per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratories, Test Report No. **FTL-5073**, dated 10/23/06, signed and sealed by Edmundo Largaespada, P.E.  
*(Submitted under NOA#07-0201.05)*
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test, per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratories, Test Report No. **FTL-5074** dated 11/08/06, signed and sealed by Edmundo Largaespada, P.E.  
*(Submitted under NOA#07-0201.05)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 5<sup>th</sup> Edition (2014)**, dated 02/17/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0409.13  
Expiration Date: April 12, 2017  
Approval Date: July 23, 2015

**Curv-A-Tech Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.
2. Notice of Acceptance No. **13-0909.10** issued to **Polymer Extrusion Technology, Inc. dba Glasslam** for their "**Glasslam Safety-Plus II Glass Interlayer**" dated 09/27/13, expiring on 08/07/18.
3. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 5<sup>th</sup> Edition (2014)** and of no financial interest, dated February 17, 2015, issued by **Al-Farooq Corporation**, signed and sealed by **Javad Ahmad, P.E.**
2. Laboratory compliance letters for Test Reports No. **FTL-5073**, dated 10/23/06 and **FTL-5074** dated 11/08/06, issued by **Fenestration Testing Laboratory, Inc.**, signed and sealed by **Edmundo J. Largaespada, P.E.**  
*(Submitted under NOA No. 07-0201.05)*

**G. OTHERS**

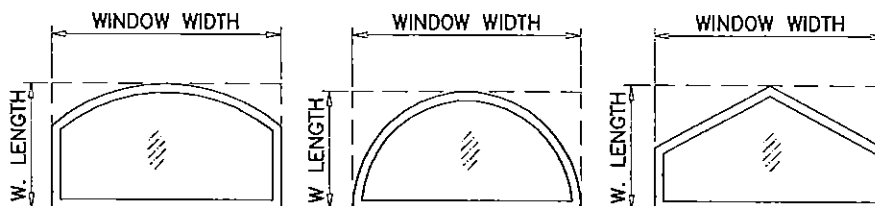
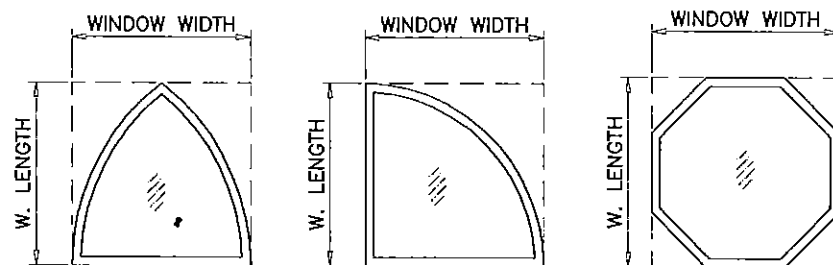
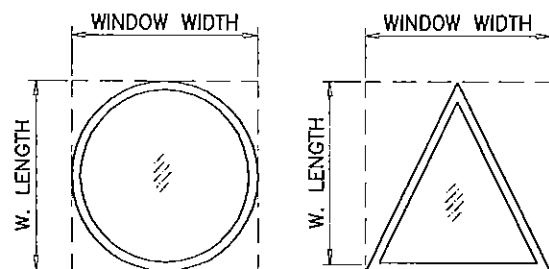
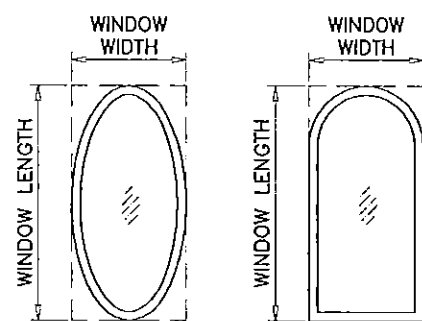
1. Notice of Acceptance No. **12-0124.01**, issued to **Curv-A-Tech Corporation** for their Series "**930**" **Aluminum Fixed Window - L.M.I.**, approved on 03/22/12 and expiring on 04/12/17.

  
Manuel Pérez, P.E.  
Product Control Examiner

NOA No. 15-0409.13

Expiration Date: April 12, 2017

Approval Date: July 23, 2015



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

## SERIES 930 ALUMINUM FIXED WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

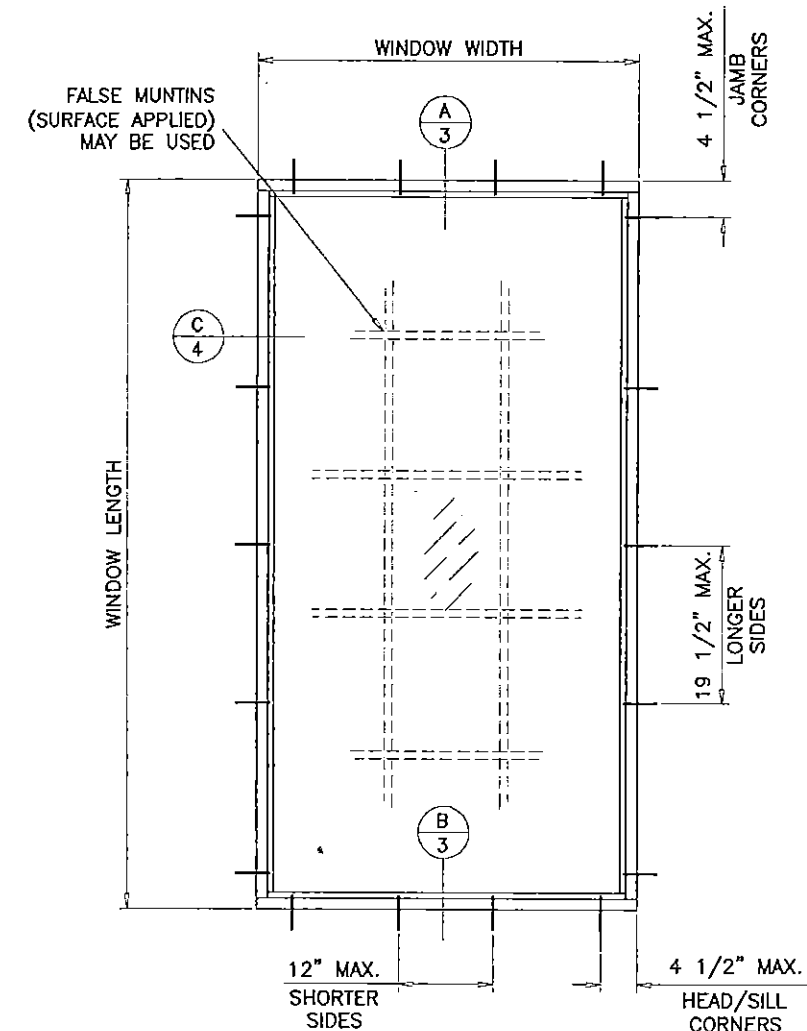
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.



TYPICAL ELEVATION

D.L.O. HEIGHT = FRAME HEIGHT - 4.125"  
D.L.O. WIDTH = FRAME WIDTH - 4.125"

### PRODUCT REVISED

as complying with the Florida  
Building Code  
Acceptance No. 15-0409-13  
Expiration Date 24/02/2017

By *Manuel Perez*  
Miami Dade Product Control

THIS NOA IS NOT VALID WITHOUT CORPORATE SEAL OF CURV-A-TECH CORPORATION AND A LABEL AFFIXED.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

JUL 14 2015

**af c**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\W07-01CC

SERIES 930 ALUMINUM FIXED WINDOW (L.M.I.)  
**CURV-A-TECH CORPORATION**  
930 W. 23rd STREET  
HALEAH, FL 33010  
TEL. (305) 888-9631 FAX. (305) 888-9969

no.	date	by	description
A	12.07.11		UPDATED TO 2010 FBC
B	02.17.15		UPDATED TO 2014 FBC

date: 01-11-07  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

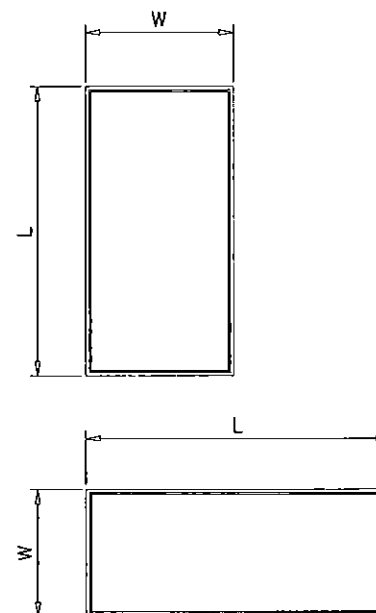
drawing no.  
**W07-01**

sheet 1 of 5

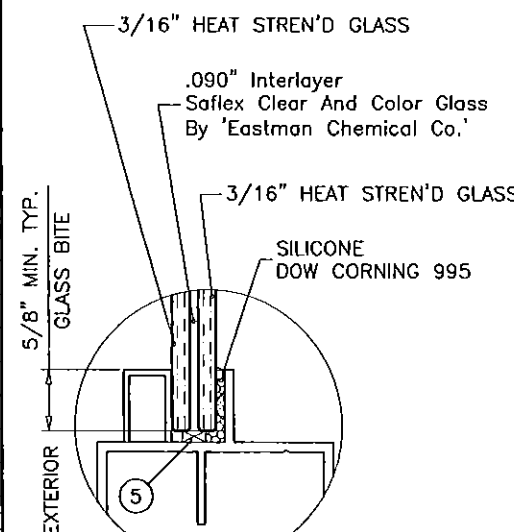
DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'A', 'B' OR 'C'		GLASS TYPE 'D'	
WIDTH	LENGTH	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
18"	48"	80.0	80.0	70.0	70.0
24"		80.0	80.0	70.0	70.0
30"		80.0	80.0	70.0	70.0
36"		80.0	80.0	70.0	70.0
42"		80.0	80.0	70.0	70.0
48"		80.0	80.0	70.0	70.0
54"		80.0	80.0	70.0	70.0
60"		80.0	80.0	70.0	70.0
18"	54"	80.0	80.0	70.0	70.0
24"		80.0	80.0	70.0	70.0
30"		80.0	80.0	70.0	70.0
36"		80.0	80.0	70.0	70.0
42"		80.0	80.0	70.0	70.0
48"		80.0	80.0	70.0	70.0
54"		71.1	71.1	-	-
60"		71.1	71.1	-	-
18"	60"	80.0	80.0	70.0	70.0
24"		80.0	80.0	70.0	70.0
30"		80.0	80.0	70.0	70.0
36"		80.0	80.0	70.0	70.0
42"		80.0	80.0	70.0	70.0
48"		80.0	80.0	70.0	70.0
54"		71.1	71.1	-	-
60"		64.0	64.0	-	-
18"	66"	80.0	80.0	70.0	70.0
24"		80.0	80.0	70.0	70.0
30"		80.0	80.0	70.0	70.0
36"		80.0	80.0	70.0	70.0
42"		80.0	80.0	70.0	70.0
48"		80.0	80.0	-	-
54"		71.1	71.1	-	-
60"		64.0	64.0	-	-
18"	72"	80.0	80.0	70.0	70.0
24"		80.0	80.0	70.0	70.0
30"		80.0	80.0	70.0	70.0
36"		80.0	80.0	70.0	70.0
42"		80.0	80.0	-	-
48"		80.0	80.0	-	-
54"		71.1	71.1	-	-
60"		64.0	64.0	-	-
18"	78"	80.0	80.0	70.0	70.0
24"		80.0	80.0	70.0	70.0
30"		80.0	80.0	70.0	70.0
36"		80.0	80.0	70.0	70.0
42"		80.0	80.0	-	-
48"		80.0	80.0	-	-
54"		71.1	71.1	-	-
60"		64.0	64.0	-	-
18"	84"	80.0	80.0	70.0	70.0
24"		80.0	80.0	70.0	70.0
30"		80.0	80.0	70.0	70.0
36"		80.0	80.0	-	-
42"		80.0	80.0	-	-
48"		80.0	80.0	-	-

DESIGN LOAD CAPACITY - PSF					
WINDOW DIMS.		GLASS TYPES 'A', 'B' OR 'C'		GLASS TYPE 'D'	
WIDTH	LENGTH	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
18"	90"	80.0	80.0	70.0	70.0
24"		80.0	80.0	70.0	70.0
30"		80.0	80.0	70.0	70.0
36"		80.0	80.0	-	-
42"		80.0	80.0	-	-
48"		80.0	80.0	-	-
18"	96"	80.0	80.0	70.0	70.0
24"		80.0	80.0	70.0	70.0
30"		80.0	80.0	70.0	70.0
36"		80.0	80.0	-	-
42"		80.0	80.0	-	-

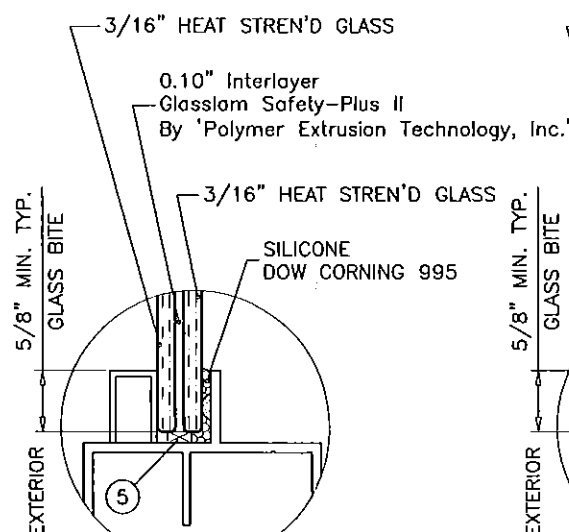
NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS).



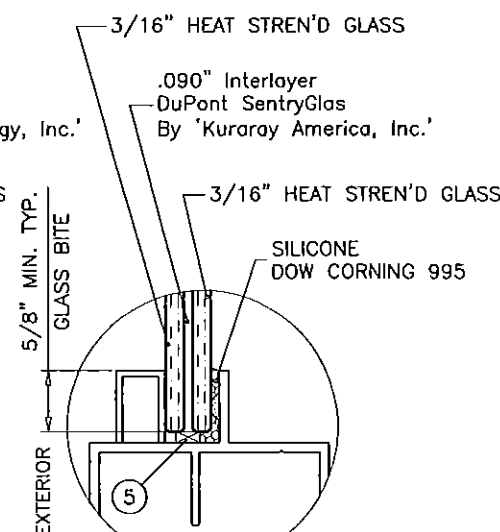
NOTE:  
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED  
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



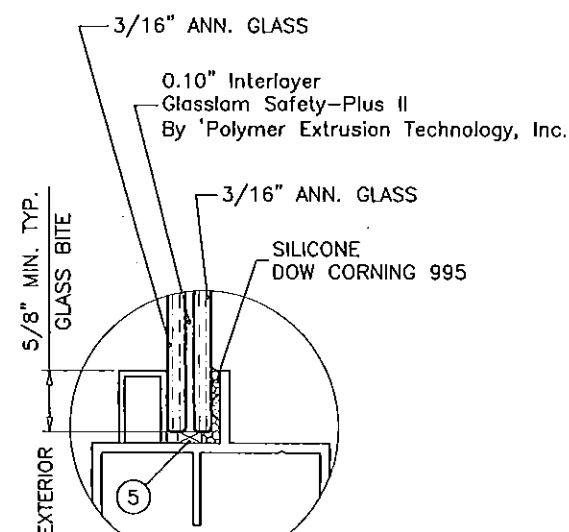
GLASS TYPE 'A'



GLASS TYPE 'B'



GLASS TYPE 'C'



GLASS TYPE 'D'

#### GLAZING OPTIONS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0409-13  
Expiration Date 04/12/2017  
By *Manuel Perez*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

JUL 14 2015

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
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TEL. (305) 262-6978  
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COMP-ANL\W07-01CC

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SERIES 930 ALUMINUM FIXED WINDOW (L.M.I.)

**CURV-A-TECH CORPORATION**  
930 W. 23rd STREET  
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TEL. (305) 888-9631  
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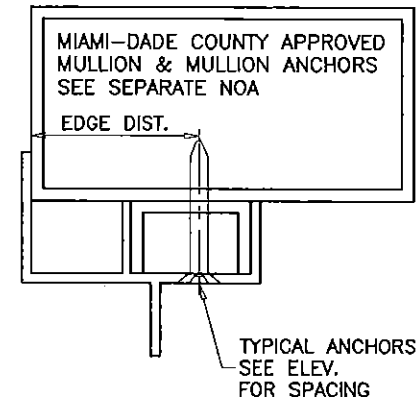
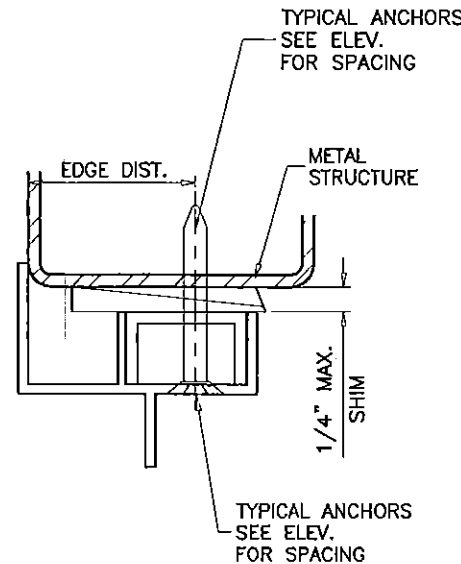
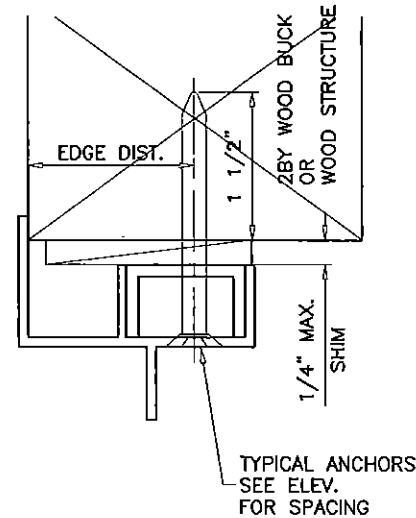
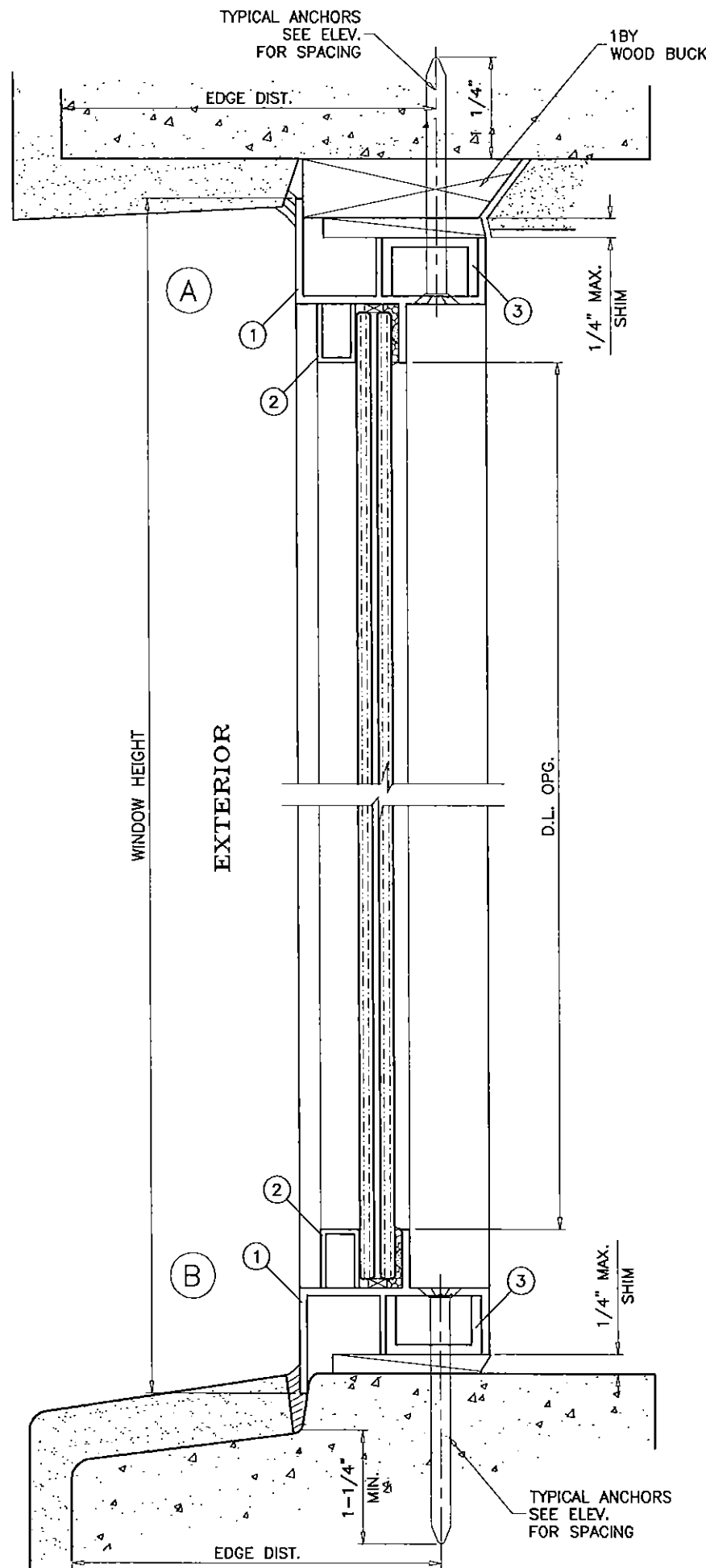
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dr. by: HAMID  
chk. by:

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revisions:

no	date	by	description
A	12.07.11		UPDATED TO 2010 FBC
B	02.17.15		UPDATED TO 2014 FBC

drawing no.  
**W07-01**  
sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY CURV-A-TECH MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

#### SEALANTS:

FRAME CORNERS AND INSTALLATION SCREWS SEALED WITH SILICONE SEALANT.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)

1/4" DIA. ULTRA CON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)

INTO METAL STRUCTURES

STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**#12 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")

(NO SHIM SPACE)

#### TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

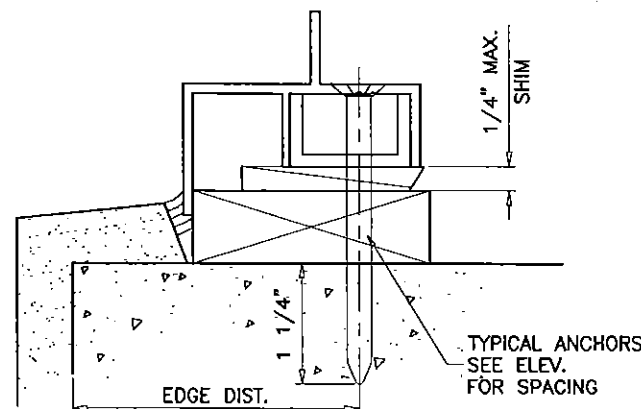
INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



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as complying with the Florida  
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By *Manuel Perez*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
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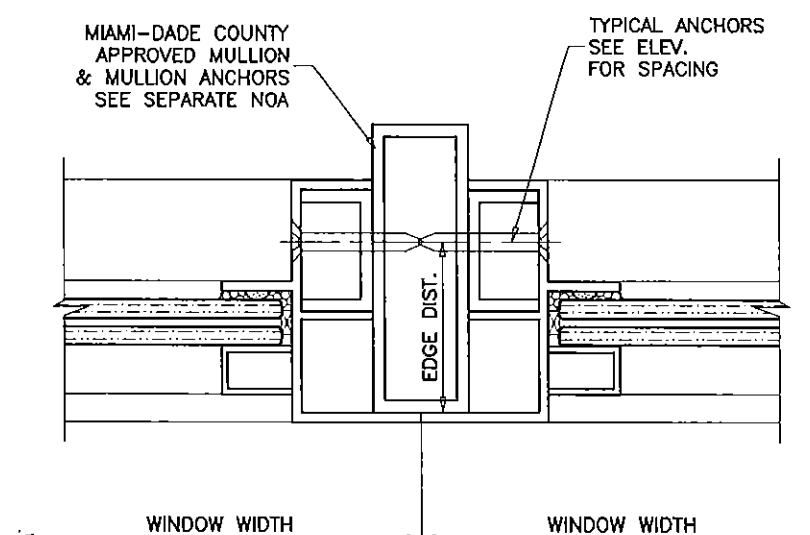
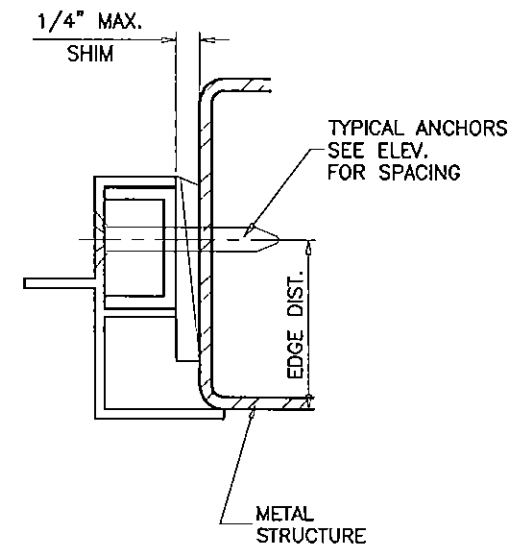
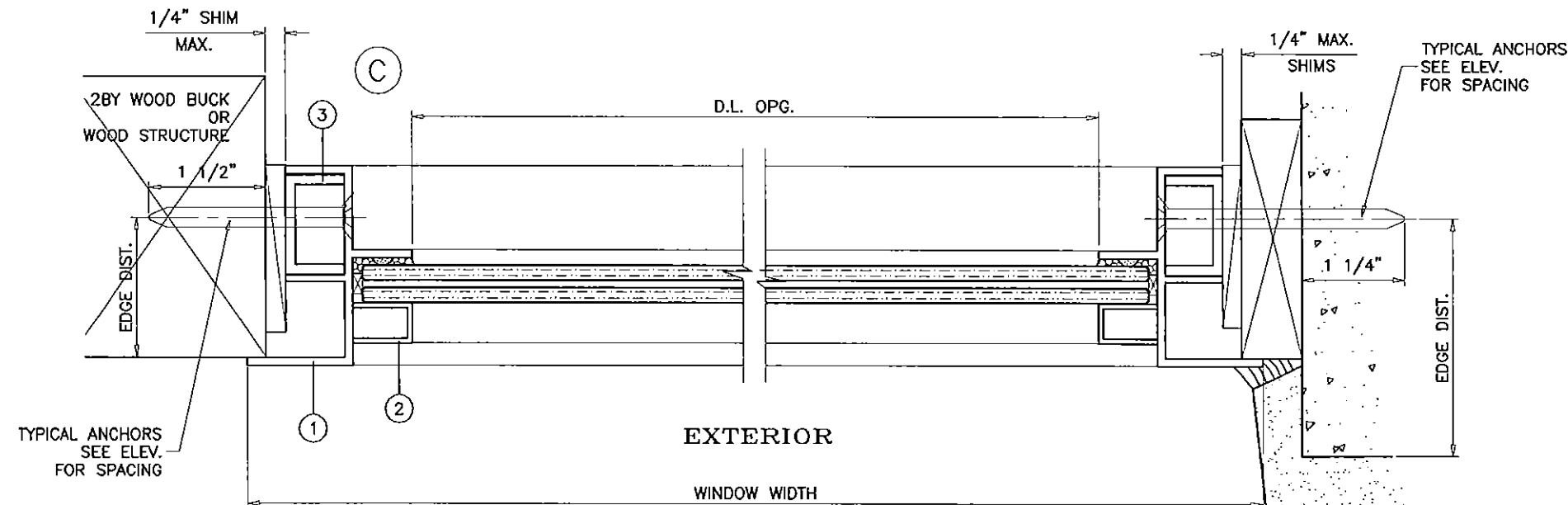
14 2015

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
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COMP-ANL\W07-01CC

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revisions:		by	description
no	date		
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date: 01-11-07		scale: 1/2" = 1"	
		dr. by: HAMID	
		chk. by:	

drawing no.  
**W07-01**  
sheet 3 of 5



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. **15-0409.13**  
Expiration Date **04/12/2017**  
By **Mamuel Perez**  
Miami Dade Product Control

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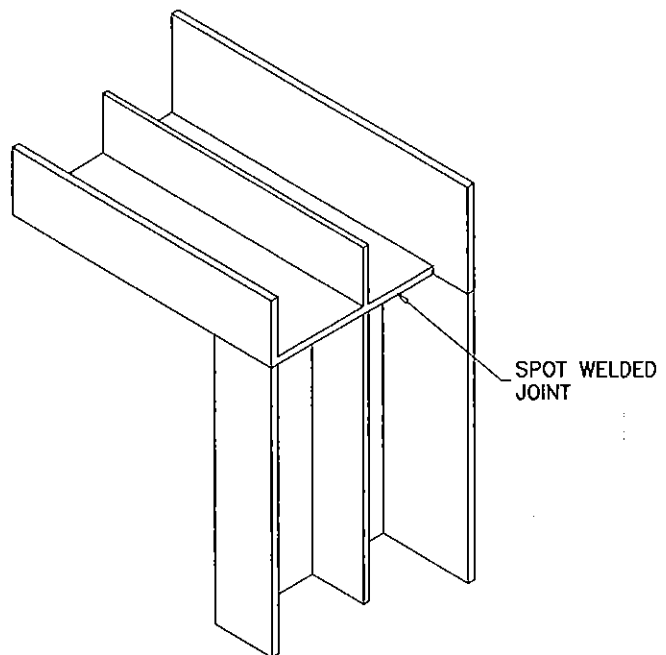
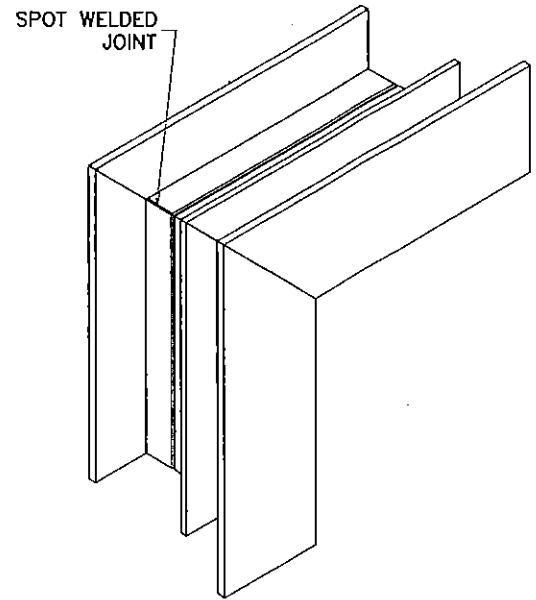
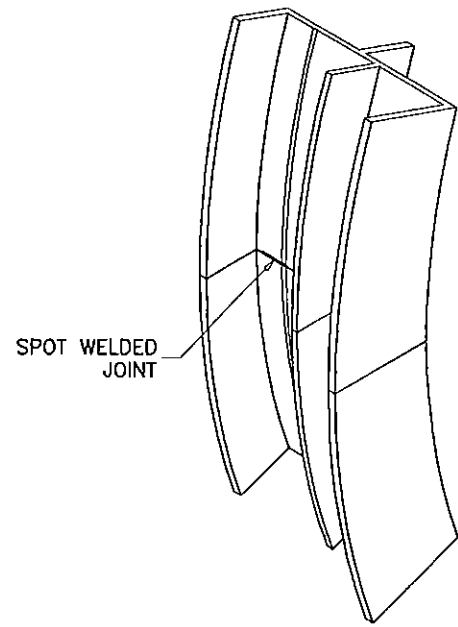
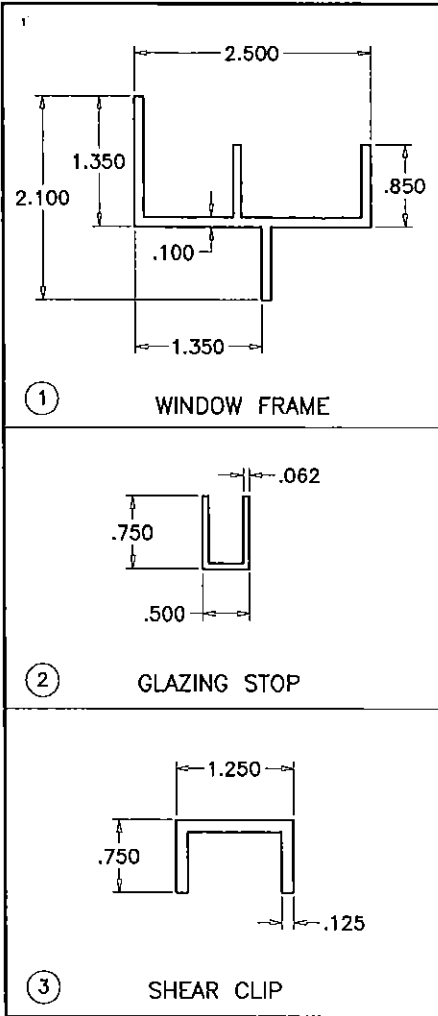
**af c**

SERIES 930 ALUMINUM FIXED WINDOW (L.M.I.)  
**CURV-A-TECH CORPORATION**  
930 W. 23rd STREET  
HIALEAH, FL 33010  
TEL. (305) 888-9631 FAX. (305) 888-9969

revisions:	
no	date by description
A	12.07.11 UPDATED TO 2010 FBC
B	02.17.15 UPDATED TO 2014 FBC

date: 01-11-07  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W07-01**  
sheet 4 of 5



TYP. CORNER DETAILS

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPLIER/REMARKS
1	CU701	4	WINDOW FRAME	6063-T5	-
2	S-03083	4	GLAZING STOP	6063-T5	-
3	-	AS REQD.	SHEAR CLIPS, 2" LONG	6063-T5	AT ANCHOR LOCATIONS
4	995	AS REQD.	GLAZING COMPOUND	SILICONE	DOW CORNING
5	-	2/ LITE	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 75±5 SHORE A

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0409 13  
Expiration Date 04/12/2017  
By Manuel Perez  
Miami Trade Product Control

Engr: JAVAD AHMAD  
CML  
FLA. PE # 70592  
C.A.N. 3538  
JUL 14 2015

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W07-01CC

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